A.M.A. ARCHIVES OF

OPHTHALMOLOGY

VOLUME 62

JULY THROUGH DECEMBER, 1959

AMERICAN MEDICAL ASSOCIATION Publication

AUTHOR AND TITLE INDEX TO VOLUME 62

In this Index in alphabetical order are the names of the authors of all articles and the presenters of cases in Society Transactions, followed by the title of the article or case presented and the page numbers on which their articles or cases begin. The asterisk (*) preceding the page number indicates an original article, case report, review article, special article, or scientific exhibit. Numbers in the Index refer to bold face (dark) numbers in the text.

For Subject Index see page [255].

A

Aizawa, F.: See Galin, M. A., jt. auth.

Anderson, B.; Roberts, S. S., Jr.; Gonzalez, C., and Chick, E. W.: Mycotic ulcerative keratitis, *169

Armaly, M. F.: Studies on intraocular effects of orbital parasympathetics: II. effect of intraocular pressure, *117
Studies on intraocular effects of orbital parasympathetic pathway: III. effect on steady-state dynamics, *817

Armstrong, J. R.: See Bennett, J. E., jt. auth.

B

Ballintine, E. J.: See Garner, L. L., jt. auth.

Becker, B., and Gay, A. J.: Applanation tonometry in diagnosis and treatment of glaucoma: evaluation of decreased scleral rigidity, *211

Bedrossian, R. H.: Alpha-chymotrypsin: its effect on rabbit zonule, lens capsule, and corneal wound healing, *216

Bell, W. E.: See Thorson, J. C., jt auth.

Bennett, J. E.; Armstrong, J. R.; Jones, R. E., and Schiller, F.: Conjunctivo-antrorhinostomy: gravity drainage operation utilizing maxillary sinus, with report of 2 cases, *248

Berens, C., and Breakey, A. S.: Comment: utilizing intrascleral implant, 157

Berke, R. N.: Surgical treatment of blepharoptosis, 731

Bernkopf, H.; Nishmi, M.; Maythar, B., and Feitelberg, I.: Trachoma infection in human volunteer produced by egg-cultured virus, *33

Bick, M. W.: See Wood, R. M., jt. auth.

Bjorkesten, G. af: See Vannas, S., jt. auth.

Brandt, P. W.: See Pappas, G. D., jt. auth.

Breakey, A. S.: See Berens, C., jt. auth.

Brockhurst, R. J.: See Okamura, I. D., jt. auth.

Bucy, P. C., and Keplinger, J. E.: Tumors of brain stem with special reference to ocular manifestations, *541

Burian, H. M.: See von Noorden, G. K., jt. auth.

C

Cambon, E. N., and Pollard, M.: Viral studies of normal eye, *562

Campbell, C. J., and Rittler, M. C.: Macular visual fields, *287

Carroll, M. E.: See Garner, L. L., jt. auth.

Cassady, J. R.: Results of iridencleisis in negro and white races, *239

Chamberlain, W. P., Jr.: Strabismus: review of literature, *137

Chandler, M. R.: See Lovekin, L. G., jt. auth.

Chandler, P. A.: Glaucoma, 1958-1959, *1101

Chick, E. W.: See Anderson, B., jt. auth.

Cibis, P. A.; Yamashita, T., and Rodriquez, F.: Clinical aspects of ocular siderosis and hemosiderosis, *180

Ciccarelli, E. C., and Kuwabara, T.: Experimental aberrant lipogenesis: VI. biochemical characterization of Sudanophilic material produced, *125

Cogan, D. G.: See Smith, J. L., jt. auth.
Convergence nystagmus: with notes on single case of divergence nystagmus, *295
and Kuwabara, T.: Focal senile translucency of sclera, *604

Coles, R. S., and Theodore, F. H.: Clinical aspects of uveal hypersensitivity, *223

Collins, E. M.: See von Sallmann, L., jt. auth.

Copenhaver, R. M.: See Dodt, E., jt. auth.
and Gunkel, R. D.: Spectral sensitivity of color-defective subjects determined by electroretinography, *55

Croffead, G. S.: See Gordon, M. A., jt. auth.

D

Davis, T. P.: See DeMott, D. W., jt. auth.

Dayal, Y., and Rodger, F. C.: Mutations of retinal pigment cells in case of pseudoglioma, *785

DeMott, D. W., and Davis, T. P.: Irradiance thresholds for chorioretinal lesions, *653

Dengrove, E.: Self-administering eye dropper and irrigator, 317

de Roetth, A., Jr.: Ophthalmic pharmacology and toxicology (annual review), *324

Dodt, E.; Copenhaver, R. M., and Gunkel, R. D.: Electroretinographic measurement of spectral sensitivity in albinos, Caucasians, and Negroes, *795

Donn, A.; Maurice, D. M., and Mills, N. L.: Studies on living cornea in vitro: II. active transport of sodium across epithelium, *748

Maurice, D. M., and Mills, N. L.: Studies on living cornea in vitro: I. method and physiologic measurements, *741

Drance, S. M.: Effect of demecarium bromide (BC 48) on intraocular pressure in man, *673

Effects of ethoxzolamide (Cardrase) on intraocular pressure, *679

E

Ehrenfeld, E. N.: See **Michaelson, I.,** jt. auth.

Eliakim, M.: See **Michaelson, I.,** jt. auth.

Enterline, H. T.: See **Frayer, W. C.,** jt. auth.

F

Fairfax, W. A.: See **Schlezinger, N. S.,** jt. auth.

Falls, H. F.: Ocular manifestations of chronic renal tubular insufficiency syndromes, *188

Feeney, M. L.: See **Garron, L. K.,** jt. auth.

Feitelberg, I.: See **Bernkopf, H.,** jt. auth.

Fine, B. S.: See **Tousimis, A. J.,** jt. auth.

Tousimis, A. J., and Zimmerman, L. E.: Some general principles of electron microscopy, *931

Forster, H. W., Jr.: Case of 'total' choroidal detachment following cataract surgery, 731

Francois, J., and Rabaey, M.: Agar microelectrophoresis at high tension of soluble lens proteins in cataract, *991

Frayer, W. C., and Enterline, H. T.: Embryonal rhabdomyosarcoma of orbit in children and young adults, *203

G

Galin, M. A.; Aizawa, F., and McLean, J. M.: Oral urea as osmotic ocular hypotensive agent, *1099

Aizawa, F., and McLean, J. M.: Urea as osmotic ocular hypotensive agent in glaucoma, *347

Garner, L. L.; Johnstone, W. W.; Ballintine, E. J., and Carroll, M. E.: Effect of 2% levo-rotary epinephrine on intraocular pressure of glaucomatous eye, *230

Garron, L. K., and Feeney, M. L.: Electron microscopic studies of human eye: II. study of trabeculae by light and electron microscopy, *966

Gavin, M. A.: See **Wanko, T.,** jt. auth.

Gay, A. J.: See **Becker, B.,** jt. auth.

See **Smith, J. L.,** jt. auth.

Gerard, A. G.: Translucent behavior of opaque cornea: its possible application in corneal blindness, *500

Gestring, G. F.: See **Jacobson, J. H.,** jt. auth.

Gettes, B. C.: Management of patient with subnormal vision, 733

Giller, H., and Kaufmann, W. C.: Ocular lesions in xeroderma pigmentosum: case report of carcinoma of cornea, *130

Gonzalez, C.: See **Anderson, B.,** jt. auth.

Goodside, V.: Ocular rigidity: clinical study, *839

Gordon, D. M.: Treatment of chronic uveitis: preliminary comments on chronic degenerative diseases, *400

Gordon, M. A.; Vallotton, W. W., and Croffead, G. S.: Corneal allescheriosis: case of keratomycosis treated successfully with nystatin and amphotericin B, *758

Grana, P. C.: Therapeutic keratoplasty in Mooren's ulcer, *414

Grimes, P. A.: See **von Sallmann, L.,** jt. auth.

Grossmann, E. E.: See **Lehman, R. H.,** jt. auth.

Guerry, D., III.: See **Wiesinger, H.,** jt. auth.

Gunkel, R. D.: See **Copenhaver, R. M.,** jt. auth.

See **Dodt, E.,** jt. auth.

H

Hagedoorn, A., and Velzeboer, C. M. J.: Postnatal partial spontaneous correction of severe congenital anomaly of anterior segment of eye, *685

Hardesty, H. H.: Occlusion amblyopia: report of case, *314

Hatch, J. L.: Hereditary alkaptonuria with ochronosis, *575

Hazard, J. B.: See **McCarthy, J. L.**, jt. auth.

Hedges, T. R., Jr., and Leopold, I. H.: Parallel retinal folds: their significance in orbital space-taking lesions, *353

Henderson, J. W.: Neuro-ophthalmology (annual review), *895

Hernberg, C. A.: See **Vannas, S.**, jt. auth.

Holmberg, A.: Differences in ultrastructure of normal human and rabbit ciliary epithelium, *952
Fine structure of inner wall of Schlemm's canal, *956
Ultrastructure of capillaries in ciliary body, *949
Ultrastructure of ciliary epithelium, *935

Hoyt, W. F.: Some neuro-ophthalmological considerations in cerebral vascular insufficiency: carotid and vertebral artery insufficiency, *260

Hughes, W. L.: Evisceration, 154

J

Jablonski, M. D.: See **Sloan, L. L.**, jt. auth.

Jacobs, L.: See **Kaufman, H. E.**, jt. auth.

Jacobson, J. H., and Gestring, G. F.: Spontaneous retinal electrical potentials, *599

Jampolsky, A.: See **Kornblueth, W.**, jt. auth.
See **Tamler, E.**, jt. auth.

Janes, R. G., and Stiles, J. F.: Penetration of C^{14}-labeled atropine into eye: comparison of methods of application, *69

Johnston, A. C.; McCole, C. E., and LoGrippo, G. A.: Penetrating keratoplasty in rabbits: effects of beta-propiolactone (BPL) treatment of donor corneal discs, *134

Johnston, V. C.: See **Rosen, D. A.**, jt. auth.

Johnstone, W. W.: See **Garner, L. L.**, jt. auth.
Clinical comparison of Berens-Tolman Ocular Hypertension Indicator with Schiotz tonometer, *75

Jones, R. E.: See **Bennett, J. E.**, jt. auth.

K

Katzin, H. M.: See **Sudarsky, R. D.**, jt. auth.

Kaufman, H. E.; Remington, J.; Melton, M. L., and Jacobs, L.: Relative resistance of slow-growing stains of Toxoplasma gondii to pyrimethamine (Daraprim), *611

Kaufmann, W. C.: See **Giller, H.**, jt. auth.

Kearns, T. P.: See **Minor, R. H.**, jt. auth.
Salassa, R. M.; Kernohan, J. W., and MacCarty, C. S.: Ocular manifestations of pituitary tumor in Cushing's syndrome, *242

Kennedy, R. J.: See **McCarthy, J. L.**, jt. auth.

Keplinger, J. E.: See **Bucy, P. C.**, jt. auth.

Kernohan, J. W.: See **Kearns, T. P.**, jt. auth.

Kinsey, V. E., and Ready, D. V. N.: Turnover of total carbon dioxide in aqueous humors and effect thereon of acetazolamide, *78

Kornblueth, W.; Jampolsky, A.; Tamler, E., and Marg, E.: Activity of oculorotary muscles during tonometry and tonography: electromyographic study, *555

Kravitz, D.: Lens surgery in Marfan's syndrome, *764

Krishna, N., and Leopold, I. H.: Echothiophate (Phospholine) iodide (217-MI) in treatment of glaucoma: further observations, *300

Kuwabara, T.: See **Ciccarelli, E. C.**, jt. auth.
See **Cogan, D. G.**, jt. auth.

L

Lehman, R. H., and Grossmann, E. E.: Traumatic luxation of lens: case report, *616

Leopold, I. H.: See **Hedges, T. R., Jr.**, jt. auth.
See **Krishna, N.**, jt. auth.

Lerman, S., and Pinsky, A.: Kaposi's sarcoma of eyelid, *320

L'Esperance, F. A., Jr.: Greater image magnification in indirect ophthalmoscopy, *1096

Levatin, P.: Pupillary escape in disease of retina or optic nerve, *768

Levitt, J. M.: Hereditary changes in skin of eyelids, *506

Lincoff, H. A.: Bilateral central scotomas of hysterical origin, *273

Linn, J. G., Jr.: Use of gas sterilization for ophthalmic surgery, *619

Locke, J. C.: Cyclodiathermy combined with medical treatment in glaucoma with severe visual field loss, *626

LoGrippo, G. A.: See **Johnston, A. C.**, jt. auth.

Lovekin, L. G., and Chandler, M. R.: Range of normal for visual fields by flicker fusion, *588

Lyle, D. J.: Ophthalmological involvement in primary demyelinating diseases, *255

Mc

McCarthy, J. L.; Kennedy, R. J., and Hazard, J. B.: Experimental ocular infection with Nocardia asteroides in normal rabbit, *425

MacCarty, C. S.: See **Kearns, T. P.,** jt. auth.

McCaslin, M. F.: Effects of "invisible" lens aberrations: clinical experiment, *434

McCole, C. E.: See **Johnston, A. C.,** jt. auth.

Macklin, M. T.: Inheritance of retinoblastoma in Ohio, *842

McLean, J. M.: See **Galin, M. A.,** jt. auth.

McLellan, T. G., Jr.: See **Scheie, H. G.,** jt. auth.

M

Mandel, M. M., and Steinmetz, C. G., III.: Subdural membrane with arachnoiditis of optic chiasm: clinical and pathological report, *419

Marg, E.: See **Kornblueth, W.,** jt. auth. See **Tamler, E.,** jt. auth.

Mark, V. H.: See **Smith, J. L.,** jt. auth.

Maumenee, A. E.: See **Tamler, E.,** jt. auth.

Maurice, D. M.: See **Donn, A.,** jt. auth.

Maythar, R.: See **Bernkopf, H.,** jt. auth.

Meadows, S. P.: Intracavernous aneurysms of internal carotid artery: their clinical features and natural history, *566

Melton, M. L.: See **Kaufman, H. E.,** jt. auth.

Michaelson, I.; Eliakim, M.; Ehrenfeld, E. N., and Rachmilewitz, M.: Fundal changes resembling colloid bodies in recurrent polyserositis (periodic disease), *1

Miller, J. E.: Electromyography of vergence movement, *790

Millikan, C. H.: See **Minor, R. H.,** jt. auth.

Mills, N. L.: See **Donn, A.,** jt. auth.

Minor, R. H.; Kearns, T. P.; Millikan, C. H.; Siekert, R. G., and Sayre, G. P.: Ocular manifestations of occlusive disease of vertebral-basilar arterial system, *84

Mosher, H. A.: Prognosis in temporal arteritis, *641

Mulberger, R. D., and Shannon, G. M.: Repair of orbital deformity with plastic sponge implant, 731

N

Naumann, H. N.: Postmortem chemistry of vitreous body in man, *356

Nawratzki, I.: See **Tamler, E.,** jt. auth.

Nielsen, R. H.: Use of dexamethasone in ophthalmologic steroid therapy: preliminary report, *438

Nishmi, M.: See **Bernkopf, H.,** jt. auth.

Norton, E. W. D.: Supratentorial mass lesions presenting brain stem signs, *284

O

Okamura, I. D.; Schepens, C. L., and Brockhurst, R. J.: Scleral buckling procedures: IV. reoperations following scleral bucklings, *445

Olmsted, K. E. P.: Evaluation of tonometric techniques, *459

P

Pappas, G. D.; Smelser, G. K., and Brandt, P. W.: Studies on ciliary epithelium and zonule: II. electron and fluorescence microscope observations on function of membrane elaborations, *959

Paton, D.: Angioid streaks and sickle cell anemia: report of 2 cases, *852

and Thomas, L. B.: Simultaneous occurrence of primary malignant melanomas of eye and skin, *645

Phipps, G. W.: See **Wiesinger, H.,** jt. auth.

Pinsky, A.: See **Lerman, S.,** jt. auth.

Pollard, M.: See **Cambon, E. N.,** jt. auth.

Potts, A. M.: Physiological chemistry of eye: review of papers published during 1958, *702

West, S. S., and Shearer, J. R.: Application of television ophthalmoscope to some problems of clinical ophthalmology, *485

R

Rabaey, M.: See **Francois, J.,** jt. auth.

Rachmilewitz, M.: See **Michaelson, I.,** jt. auth.

Ranke, E. J.: Diabetic retinopathy and pituitary, *859

Reddy, D. V. N.: See **Kinsey, V. E.,** jt. auth.

Reed, H., and Tushingham, G.: Antibacterial property of vitreous, *780

Reid, M. E.: See **von Sallmann, L.,** jt. auth.

Remington, J.: See **Kaufman, H. E.,** jt. auth.

Rittler, M. C.: See **Campbell, C. J.,** jt. auth.

Roberts, S. S., Jr.: See **Anderson, B.,** jt. auth.

Rodger, F. C.: See **Dayal, Y.,** jt. auth.

Rodriguez, F.: See **Cibis, P. A.,** jt. auth.

Rosen, D. A., and Johnston, V. C.: Ocular pressure patterns in valsalva maneuver, *810

Ross, J. V. M.: Prevention of herpes corneae in rabbits, *782

S

Salassa, R. M.: See **Kearns, T. P.,** jt. auth.

Sayre, G. P.: See **Minor, R. H.,** jt. auth.

Scheie, H. G.: Management of infantile glaucoma, *35
and McLellan, T. G., Jr.: Corticotropin and corticosteroids in treatment of herpes zoster ophthalmicus, 733
and McLellan, T. G., Jr.: Treatment of herpes zosteroophthalmicus with corticotropin and corticosteroids, *579

Schepens, C. L.: See **Okamura, I. D.,** jt. auth.

Schiller, F.: See **Bennett, J. E.,** jt. auth.

Schlezinger, N. S., and Fairfax, W. A.: Evaluation of ocular signs and symptoms in myasthenia gravis, *985

Shlossberg, F. R.: Aneurysm of anterior cerebral artery: perimetric findings as only presenting neurological sign, *894

Seaman, D.: Angiomatosis retinae: report of 2 cases operated on, 732

Sforzolini, G. S.: Treatment of ophthalmic herpes zoster with Protamide, *381

Shannon, G. M.: See **Mulberger, R. D.,** jt. auth.

Shearer, J. R.: See **Potts, A. M.,** jt. auth.

Siekert, R. G.: See **Minor, R. H.,** jt. auth.

Sloan, L. L., and Jablonski, M. D.: Reading aids for partially blind: classification and measurement of more than 200 devices, *465

Smelser, G. K.: See **Pappas, G. D.,** jt. auth.

Smith, B., and Soll, D. B.: Discovery of malignant melanoma of choroid after evisceration: case report, 157

Smith, J. L.: Progressive multifocal leukoencephalopathy, *828
and Cogan, D. G.: Ataxia-telangiectasia, *364
Gay, A. J., and Cogan, D. G.: Spasticity of conjugate gaze phenomenon, *694
and Mark, V. H.: See-saw nystagmus with suprasellar epidermoid tumor, *280
Zieper, I.; Gay, A. J., and Cogan, D. G.: Nystagmus retractorius, *864

Soll, D. B.: See **Smith, B.,** jt. auth.

Spalter, H. F.: Abnormal serum proteins and retinal vein thrombosis, *868

Speakman, J. S.: Stain permeability and ultrastructure of corneal endothelium, *882

Steinmetz, C. G., III.: See **Mandel, M. M.,** jt. auth.

Stiles, J. F.: See **Janes, R. G.,** jt. auth.

Sudarsky, R. D.: Exudative type of retinal separation: case of Harada's disease in 8-year-old, *5
and Katzin, H. M.: Accessory instrumentation for scleral buckling operation, 503

Suzuki, T. A.: ERG of congenital totally color-weak eye accompanied by lesion of optic nerve, *386

T

Tamler, E.: See **Kornblueth, W.,** jt. auth.
Jampolsky, A., and Marg, E.: Electromyographic study of following movements of eye between tertiary positions, *804
Marg, E.; Jampolsky, A., and Nawratski, I.: Electromyography of human saccadic eye movements, *657
and Maumenee, A. E.: Clinical study of choroidal nevi, *196

Theodore, F. H.: See **Coles, R. S.,** jt. auth.

Thomas, L. B.: See **Paton, D.,** jt. auth.

Thorson, J. C., and Bell, W. E.: Progressive dystrophic external ophthalmoplegia with abiotrophic fundus changes, *833

Tousimis, A. J.: See **Fine, B. S.,** jt. auth.
and Fine, B. S.: Ultrastructure of iris: intercellular stromal components, *974

Troutman, R. C.: Enucleation—recent trends, 159

Tushingham, G.: See **Reed, H.,** jt. auth.

U

Urrets-Zavalia, A., Jr.: Fixation pick and scleral depressor for use in operations of retinal detachment, *97

V

Vallotton, W. W.: See Gordon, M. A., jt. auth.

Vannas, S.; Hernberg, C. A., and af Bjorksten, G.: Hypophysectomy as therapeutical method for proliferative diabetic retinopathy, *370

Velzeboer, C. M. J.: See Hagedoorn, A., jt. auth.

Vincent, R. P.: New eyelid speculum and suture hooks, 318

von Noorden, G. K., and Burian, H. M.: Visual acuity in normal and amblyopic patients under reduced illumination: II. visual acuity at various levels of illumination, *396

von Sallmann, L.: See Wanko, T., jt. auth.

Reid, M. E.; Grimes, P. A., and Collins, E. M.: Tryptophan-deficiency cataract in guinea pigs, *662

W

Walls, G. L.: Peculiar color blindness in peculiar people, *13

Wanko, T.; von Sallmann, L., and Gavin, M. A.: Early changes in lens epithelium after roentgen irradiation: correlated light and electron microscopic study, *977

Wessely, Z.: Malignant melanoma of conjunctiva in eye of negro patient, *697

West, S. S.: See Potts, A. M., jt. auth.

Wiesinger, H.; Phipps, G. W., and Guerry, D., III.: Bilateral melanoma of choroid associated with leukemia and meningioma, *889

Winter, F. C.: Orbit: review of literature for 1958, *508

Wolter, J. R.: Neuropathology of trabeculum in open-angle glaucoma, *99

Wood, R. M., and Bick, M. W.: Comparison of influence of parenteral trypsin, cortisone, and heparin on acute inflammation, *112

Y

Yamashita, T.: See Cibis, P. A., jt. auth.

Z

Zieper, I.: See Smith, J. L., jt. auth.

Zimmerman, L. E.: See Fine, B. S., jt. auth.

SUBJECT INDEX TO VOLUME 62

The following Index contains an alphabetical list of significant subjects presented in this volume. Books reviewed are indexed alphabetically by title under the heading "BOOKS." Obituaries and death notices are indexed under the heading "DEATHS." Society transactions are listed under that heading, with individual papers indexed under appropriate headings. Page numbers in the Index refer to bold face (dark) numbers in the text.

A

Abiotrophy
fundus changes, abiotrophic: progressive dystrophic external ophthalmoplegia with [Thorson & Bell], *833

Acetazolamide
effect on turnover of total carbon dioxide in aqueous humors [Kinsey & Reddy], *78

Albinos
spectral sensitivity in: electroretinographic measurement [Dodt et al.], *795

Alkaptonuria
hereditary, with ochronosis [Hatch], *575

Allescheriosis
corneal: case of keratomycosis treated successfully with nystatin and amphotericin B [Gordon et al.], *758

Alpha-chymotrypsin
effect on rabbit zonule, lens capsule, and corneal wound healing [Bedrossian], *216

Amblyopia
occlusion: report of case [Hardesty], *314
visual acuity in normal and amblyopic patients under reduced illumination [von Noorden & Burian], *396

American Association of Orthoptic Technicians
annual joint meeting of American Orthoptic Council and, 165

American Medical Association
Section on Ophthalmology: scientific session, 346

American Ophthalmological Society
election of officers, 735

American Orthoptic Council
annual joint meeting of American Association of Orthoptic Technicians and, 165

Amphotericin B
successful treatment of keratomycosis associated with Allescheria boydii [Gordon et al.], *758

Anemia
sickle cell: angioid streaks in 2 patients with [Paton], *852

Anesthesia
drugs in ophthalmology: annual review [de Roetth], *334

Aneurysms
carotid artery, internal, intracavernous [Meadows], *566
cerebral artery, anterior: perimetric findings as only presenting neurological sign [Shlossberg], *894
intracranial: annual review [Henderson], *900

Angioid streaks
and sickle cell anemia: report of 2 cases [Paton], *852

Angiomatosis retinae
report of 2 cases operated on [Seaman], 732

ANNUAL REVIEWS
glaucoma, 1958-1959 [Chandler], *1101
neuro-ophthalmology [Henderson], *895
ophthalmic pharmacology and toxicology [de Roetth], *324
orbit: review of literature for 1958 [Winter], *508
physiological chemistry of eye: review of papers published during 1958 [Potts], *702
strabismus: review of literature [Chamberlain], *137

Antibiotics
use in ophthalmology: annual review [de Roetth], *332

APPARATUS AND INSTRUMENTS
accessory instrumentation for scleral buckling operation [Sudarsky & Katzin], 503
Ben Venue sterilizer for application of ethylene oxide gas in ophthalmic surgery [Linn], *620
Berens-Tolman Ocular Hypertension Indicator: clinical comparison with Schiotz tonometer [Johnstone], *75
fixation pick and scleral depressor for use in operations of retinal detachment [Urrets-Zavalia], *97
new eyelid speculum and suture hooks [Vincent], 318
Schepens-AO indirect ophthalmoscope: modification of [L'Esperance], *1096
self-administering eye dropper and irrigator [Dengrove], 317
television ophthalmoscope: application to some problems of clinical ophthalmology [Potts et al.], *485

Appointments
Townsend, Frank M., 925
Aqueous humor
effect of orbital parasympathetic pathway on steady-state dynamics [Armaly], *817
in normal and glaucomatous eyes: annual review, 1958-1959 [Chandler], *1103
physiological chemistry: annual review of literature for 1958 [Potts], *706
production of: membrane elaborations of ciliary epithelium and zonule associated with [Pappas et al.], *959
turnover of total carbon dioxide in: effect thereon of acetazolamide [Kinsey & Reddy], *78
Arachnoiditis
of optic chiasm: subdural membrane with [Mandel & Steinmetz], *419
Arteries
carotid and vertebral, insufficiency: neuro-ophthalmological considerations [Hoyt], *263
carotid, internal: intracavernous aneurysms of [Meadows], *566
cerebral, anterior, aneurysm: perimetric findings as only presenting neurological sign [Shlossberg], *894
temporal arteritis: prognosis in [Mosher], *641
vertebral and carotid, insufficiency: neuro-ophthalmological considerations [Hoyt], *266
vertebral-basilar arterial system: ocular manifestations of occulsive disease of [Minor et al.], *84
Arteritis
temporal: prognosis in [Mosher], *641
Asia-Pacific Academy of Ophthalmology
meeting, 534, 923
Association for Research in Ophthalmology, Inc.
meetings, 734-735
Ataxia-telangiectasia
ocular manifestations in [Smith & Cogan], *364
Atlantic City Clinical Congress
ophthalmic surgery sessions, 535
Atropine
penetration of C^{14}-labeled, into eye: comparison of methods of application [Janes & Stiles], *69
Awards: See also Fellowships
to Adler, F. H., 346
to Baum, G., 346
to Breinin, G. M. (Edward Lorenzo Holmes Memorial Award), 345
to Duke-Elder, S., 346
to Greenwood, I., 346
to Kearns, T. P., 346
to Kernohan, J. W., 346
to MacCarty, C. S., 346
to Sallassa, R. M., 346

B

Bacteria
antibacterial property of vitreous [Reed & Tushingham], *780
Barraquer Institute: See Instituto Barraquer
BC 48: See Demecarium bromide
Ben Venue sterilizer
for application of ethylene oxide gas in ophthalmic surgery [Linn], *620
Beta-propiolactone
effects in treatment of donor corneal discs in penetrating keratoplasty [Johnston et al.], *134
Blepharoptosis
surgical treatment of [Berke], 731
Blindness
corneal: application of translucent behavior of opaque cornea in [Gerard], *500
reading aids for partially blind: 200 devices [Sloan & Jablonski], *465
result of temporal arteritis [Mosher], *641
Blood
serum proteins, abnormal, and retinal vein thrombosis [Spalter], *868
Books
Acta. First Afro-Asian Congress of Ophthalmology, incorporating Bulletin of Ophthalmological Society of Egypt, Vol. 51, 1958, Cairo, 166
Atlas of Ocular Fundus [Marchesani & Sautter], 168
Les Cataractes congenitales [Francois], 537
Collected Reprints of Francis I. Proctor Foundation for Research in Ophthalmology, University of California, Vol. II., 1954-1958, 739
Diagnostic précoce du glaucome debutant [Weekers et al.], 168
Diseases of Nose, Throat and Ear. Ed. 2 [Jackson & Jackson, eds.], 739
Geographic Ophthalmology [Holmes, ed.], 537
Glaucoma: Transactions of Third Conference, Jan. 8, 9, and 10, 1959 [Newell, ed.], 539
Headache: Diagnosis and Treatment [Friedman & Merritt], 1120
History of Ophthalmology [Arrington], 166
Hypertension: First Hahnemann Symposium on Hypertensive Disease [Moyer, ed.], 538
I. E. S. Lighting Handbook. Ed. 3 (Illuminating Engineering Society, New York), 740

Books—continued
Ophtalmologie: Directives therapeutiques medico-chirurgicales [Offret & Lombard], 537
Parsons' Diseases of Eye. Ed. 13 [Duke-Elder], 739
Plastische Chirurgie am Auge [von Walser], 739
Preservation of Eyesight [MacNalty], 539
Synopsis of Ophthalmology [Havener], 1120
System of Ophthalmology, Vol. I, The Eye in Evolution [Duke-Elder], 167
Textbook of Medicine. Ed. 10 [Cecil & Loeb, eds.], 538
Transplantation of Tissues (Skin, Cornea, Fat, Nerve, Teeth, Blood Vessels, Endocrine Glands, Organs, Peritoneum, Cancer Cells), Vol. II [Pier, ed.], 739
Treatment of Cancer and Allied Diseases, Vol. III, Tumors of Head and Neck [Pack & Ariel], 538
Use of Drugs in Refraction. Ed. 2. [Mitchell], 538
Yearbook of Ophthalmology (1958-1959 Series) [Vail, ed.], 538

BPL: See Beta-propiolactone

Brain
aneurysms, intracranial: annual review [Henderson], *900
disease, unilateral intracranial: spasticity of conjugate gaze as rapid test for [Smith et al.], *694
frontal lobes, operative lesions: neuro-ophthalmic symptoms produced by: annual review [Henderson], *907
stem signs, ocular: supratentorial mass lesions presenting [Norton], *284
stem tumors with special reference to ocular manifestations [Bucy & Keplinger], *541
tumor, suprasellar epidermoid: see-saw nystagmus with [Smith & Mark], *280
tumors: annual review [Henderson], *901
vascular insufficiency: some neuro-ophthalmological considerations in [Hoyt], *260

Burns
chorioretinal lesions: irradiance thresholds for [DeMott & Davis], *653

C

Cancer
chemotherapy in ophthalmology: annual review [de Roetth], *337

Carbon dioxide
total, turnover in aqueous humors: effect of acetazolamide on [Kinsey & Reddy], *78

Carcinoma
of cornea in xeroderma pigmentosum: case report [Giller & Kaufmann], *130

Cardrase: See Ethoxzolamide

Cataract
soluble lens proteins in: agar micro-electrophoresis at high tension [Francois & Rabaey], *991
tryptophan-deficiency, in guinea pigs [von Sallmann et al.], *662

Cavernous sinus
intracavernous aneuryms of internal carotid artery [Meadows], *566

Cerebrovascular disease
insufficiency: neuro - ophthalmological considerations in [Hoyt], *260

Choroid
detachment, 'total', following cataract surgery [Forster], 731
lesions, chorioretinal: irradiance thresholds for [DeMott & Davis], *653
melanoma, bilateral, associated with leukemia and meningioma [Wiesinger et al.], *889
melanoma, malignant: discovery after evisceration [Smith & Soll], 157
melanomas, primary malignant, of eye and skin: simultaneous occurrence [Paton & Thomas], *645
nevi: clinical study [Tamler & Maumenee], *196

Ciliary body
capillaries in: ultrastructure [Holmberg], *949
epithelium and zonule: studies [Pappes et al.], *959
epithelium, normal human and rabbit: differences in ultrastructure of [Holmberg], *952
epithelium: ultrastructure of [Holmberg], *935

Colloid bodies
fundal changes resembling, in recurrent polyserositis [Michaelson et al.], *1

Color blindness
peculiar, in peculiar people [Walls], *13

Color perception
ERG of congenital totally color-weak eye accompanied by lesion of optic nerve [Suzuki], *386
spectral sensitivity in albinos, Caucasians, and Negroes: electroretinographic measurement [Dodt et al.], *795
spectral sensitivity of color-defective subjects determined by electroretinography [Copenhaver & Gunkel], *55

Conjugate gaze phenomenon
spasticity of [Smith et al.] *694

Conjunctiva
melanoma, malignant: in eye of Negro patient [Wessely], *697
pigmentation: hereditary alkaptonuria with ochronosis [Hatch], *575
vessels: ataxia-telangiectasia syndrome [Smith & Cogan], *364
viral studies of normal eye [Cambon & Pollard], *555

Conjunctivoantrorhinostomy
gravity drainage operation utilizing maxillary sinus [Bennett et al.], *248

Convergence
nystagmus [Cogan], *295

Cornea
allescheriosis: case of keratomycosis treated successfully with nystatin and amphotericin B [Gordon et al.], *758
blindness: possible application of translucent behavior of opaque cornea [Gerard], *500
carcinoma occurring in xeroderma pigmentosum [Giller & Kaufmann], *130
donor, discs: effects of beta-propiolactone treatment of, for keratoplasty [Johnston et al.], *134
endothelium: stain permeability and ultrastructure of [Speakman], *882
herpes corneae in rabbits: prevention of [Ross], *782
living, in vitro: active transport of sodium across epithelium [Donn et al.], *748
living, in vitro: method and physiologic measurements [Donn et al.], *741
physiological chemistry: annual review [Potts], *702
pigmentation: hereditary alkaptonuria with ochronosis [Hatch], *575
wound healing: effect of alpha-chymotrypsin on rabbit zonule, lens capsule, and [Bedrossian], *216

Correspondence
after-images and ocular muscle proprioception [Miles; Urist], 918
evaluation of absorbable gelatin film (Gelfilm) in cyclodialysis clefts [Laval et al.; Barsky], 531
Maddox-rod phenomenon [Giles; Eggers], 918
multiple targets in visual field examinations with tangent screen [Chamlin], 151; Zeller], 152
occurrence of glaucoma following occlusion of central retinal artery [Ascher], 917
radioactive isotopes [Scott; Bettman], 729
removing superficial corneal plastic foreign bodies [Duane], 917
use of mohair brush in intraocular surgery [Nielsen], 918

Corticosteroids
in treatment of herpes zoster ophthalmicus [Scheie & McLellan], *579, 733

Corticotropin
in treatment of herpes zoster ophthalmicus [Scheie & McLellan], *579, 733

Cortisone
influence on acute inflammation: comparison with parenteral trypsin and heparin [Wood & Bick], *112

Cushing's syndrome
ocular manifestations of pituitary tumor in [Kearns et al.] *242

Cyclodiathermy
combined with medical treatment in glaucoma with severe visual field loss [Locke], *626

D

Daraprim: See Pyrimethamine

Deaths
Gailey, Watson, 532
Samuels, Bernard, 920

Degenerative diseases
chronic: treatment of chronic uveitis [Gordon], *400

Demecarium bromide
effect of (BC 48) on intraocular pressure in man [Drance], *673

Demyelinating diseases
primary: ophthalmological involvement in [Lyle], *255

Dexamethasone
use in ophthalmologic steroid therapy [Nielsen], *438

Diabetes
retinopathy and pituitary [Ranke], *859
retinopathy, proliferative: hypophysectomy as therapeutical method for [Vannas et al.], *370

E

Echothiophate
(Phospholine) iodide (217-MI) in treatment of glaucoma [Krishna & Leopold], *300

Electromyography
following movements of eye between tertiary positions: study of [Tamler et at.], *804
of human saccadic eye movements [Tamler et al.], *657
of oculorotary muscles during tonometry and tonography [Kornblueth et al.], *555
of vergence movement [Miller], *790

Electroretinography
of congenital totally color-weak eye accompanied by lesion of optic nerve [Suzuki], *386

Electroretinography—continued
spectral sensitivity in albinos, Caucasians, and Negroes: measurement of [Dodt et al.], *795
spectral sensitivity of color-defective subjects determined by [Copenhaver & Gunkel], *55

Endocrine exophthalmos
progressive: annual review for 1958 [Winter], *514

Enzymes
chemotherapeutic use in ophthalmology: annual review [de Roetth], *336

ERG: See Electroretinography

Ethoxzolamide
effects of (Cardrase) on intraocular pressure [Drance], *679

Ethylene oxide
gas sterilization for ophthalmic surgery [Linn], *619

Exhibits, scientific: See Scientific exhibits

Exophthalmos
due to orbital tumor: significance of parallel retinal folds associated with [Hedges & Leopold], *353
endocrine, progressive: annual review for 1958 [Winter], *514

Eyelids
Kaposi's sarcoma of [Lerman & Pinsky], *320
skin of: hereditary changes in [Levitt], *506
upper: retraction in nystagmus retractorius [Smith et al.], *864

Eyes
anomaly, severe congenital, of anterior segment: postnatal partial spontaneous correction [Hagedoorn & Velzboer], *685
conjugate gaze phenomenon: spasticity of [Smith et al.], *694
diseases of fundus oculi: application of television ophthalmoscope to some problems of clinical ophthalmology [Potts et al.], *485
diseases: use of dexamethasone in ophthalmologic steroid therapy [Nielsen], *438
enucleation—recent trends [Troutman], 159
evisceration [Hughes], 154
fundal changes resembling colloid bodies in recurrent polyserositis (periodic disease) [Michaelson et al.], *1
fundus changes, abiotrophic: progressive dystrophic external ophthalmoplegia with [Thorson & Bell], *833
human: electron microscopic studies of [Garron & Feeney], *966
infection, experimental, with Nocardia asteroides in normal rabbit [McCarthy et al.] *425

Eyes—continued
infections: annual review [Henderson], *903
inflammation, acute: comparison of influence of parenteral trypsin, cortisone, and heparin on [Wood & Bick], *112
involvement in primary demyelinating diseases [Lyle], *255
manifestations of chronic renal tubular insufficiency syndromes [Falls], *188
manifestations of occlusive disease of vertebral-basilar arterial system [Minor et al.], *84
manifestations of tumors of brain stem [Bucy & Keplinger], *541
melanomas, primary malignant: simultaneous occurrence in skin and [Paton & Thomas], *645
motility: annual review [Henderson], *904
movements, disorders: associated with ataxia-telangiectasia syndrome [Smith & Cogan], *364
movements, disorders: manifestations of tumors of brain stem [Bucy & Keplinger], *541
movements, disorders: unique optokinetic response in 2 cases of nystagmus retractorius [Smith et al], *864
movements, following, between teritary positions: electromyographic study [Tamler et al.], *804
movements, saccadic, human: electromyography of [Tamler et al.], *657
muscles: See also Ophthalmoplegia
muscles, extraocular: electromyography of human saccadic eye movements [Tamler et al.], *657
muscles, oculorotary: activity during tonometry and tonography [Kornblueth et al.], *555
penetration of C^{14}-labeled atropine into: comparison of methods of application [Janes & Stiles], *69
physiological chemistry of eye: annual review for 1958 [Potts], *702
pigmentation: hereditary alkaptonuria with ochronosis [Hatch], *575
pressure, intraocular: effect of demecarium bromide [Drance], *673
pressure, intraocular: effect of orbital parasympathetics [Armaly], *117
pressure, intraocular: effects of ethoxzolamide [Drance], *679
pressure, intraocular: effects of orbital parasympathetic pathway [Armaly], *817
pressure, intraocular: evaluation of tonometric techniques [Olmsted], *459
pressure, intraocular: influence of drugs: annual review [de Roetth], *324
pressure, intraocular, of glaucomatous eye: effect of 2% levo-rotary epinephrine [Garner et al.], *230

Eyes—continued
pressure, intraocular: oral urea as osmotic ocular hypotensive agent [Galen et al.], *1099
pressure, intraocular, patterns in Valsalva maneuver [Rosen & Johnston], *810
pressure, intraocular: urea as osmostic hypotensive agent in glaucoma [Galin et al.], *347
rigidity: clinical study [Goodside], *839
sensory affections: annual review [Henderson], *905
signs and symptoms in myasthenia gravis: evaluation [Schlezinger & Fairfax], *985
spasticity of conjugate gaze phenomenon [Smith et al.], *694
surgery: use of ethylene oxide gas sterilization for ophthalmic surgery [Linn], *619
tension: clinical comparison of Berens-Tolman Ocular Hypertension Indicator with Schiotz tonometer [Johnstone], *75
trachoma infection produced by egg-cultured virus: in human volunteer [Bernkopf et al.], *33
viral studies of normal [Cambon & Pollard], *562

F

Fanconi syndrome
ocular manifestations of [Falls], *193

Fellowships: See also Grants; Postgraduate education
Charles Mickle Fellowship to Sir Stewart Duke-Elder, 346
Fight-for-Sight fellowships, 535, 924

Flicker fusion
range of normal for visual fields by [Lovekin & Chandler], *588

G

Glaucoma
annual review, 1958-1959 [Chandler], *1101
cyclodiathermy combined with medical treatment in, with severe visual field loss [Locke], *626
diagnosis and treatment: applanation tonometry in [Becker & Gay], *211
echothiophate (Phospholine) iodide (217-M'I) in treatment of [Krishna & Leopold], *300
infantile: management of [Scheie], *35
intraocular pressure of glaucomatous eye: effect of 2% levo-rotary epinephrine [Garner et al.], *230
open-angle: neuropathology of trabeculum [Wolter], *99
oral urea as osmotic ocular hypotensive agent [Galin et al.], *1099

Glaucoma—continued
simplex, iridencleisis operations for: results in Negro and white races [Cassady], *239
urea as osmotic ocular hypotensive agent in [Galin et al.], *347

Glioma
of brain stem with special reference to ocular manifestations [Bucy & Keplinger], *541

Grants: See also Fellowships; Postgraduate education
National Council to Combat Blindness: research grants, 1959-1960, 926

H

Harada's disease
exudative type of retinal separation: in 8 year old [Sudarsky], *5

Hemosiderosis
ocular siderosis and: clinical aspects of [Cibis et al.], *180

Heparin
influence on acute inflammation: comparison with parenteral trypsin and cortisone [Wood & Bick], *112

Herpes
corneae in rabbits: prevention of [Ross], *782
zoster, ophthalmic: treatment with Protamide [Sforzolini], *381
zoster ophthalmicus: treatment with corticotropin and corticosteroids [Scheie & McLellan], *579, 733

Hypersensitivity
uveal: clinical aspects of [Coles & Theodore], *223

Hypophysectomy
as therapeutical method for proliferative diabetic retinopathy [Vannas et al.], *370

Hysteria
bilateral central scotomas of hysterical origin [Lincoff], *273

I

Illumination
reduced: visual acuity in normal and amblyopic patients under [von Noorden & Burian], *396

Institute of Ophthalmological Documentation
announcement of opening, March 1st, Paris, 923

Institute of Ophthalmology of the Americas
post Pan-American Congress meeting, 924

Instituto Barraquer
competition for scientific papers on ophthalmological subjects, 345

International Council of Ophthalmology
business meeting, 534

Intersexuality
peculiar color blindness in peculiar people [Walls], *13

Iridencleisis
in Negro and white races: results of [Cassady], *239

Iris
ultrastructure of: intercellular stromal components [Tousimis & Fine], *974

Irradiance thresholds
for chorioretinal lesions [DeMott & Davis], *653

Isotopes, radioactive: See Radioactive isotopes

K

Kaposi's sarcoma: See Sarcoma, Kaposi's

Keratitis
mycotic ulcerative [Anderson et al.], *169

Keratomycosis
associated with Allescheria boydii: case successfully treated with nystatin and amphotericin B [Gordon et al.], *758

Keratoplasty
penetrating, in rabbits: effects of beta-propiolactone (BPL) treatment of donor corneal discs [Johnston et al.], *134
therapeutic, in Mooren's ulcer [Grana], *414

Kidneys
chronic renal tubular insufficiency syndromes: ocular manifestations of [Falls], *188

L

Lens (crystalline)
capsule: effect of alpha-chymotrypsin on rabbit zonule, corneal wound healing, and [Bedrossian], *216
epithelium: early changes after roentgen irradiation [Wanko et al.], *977
physiological chemistry: annual review [Potts], *711
soluble proteins in cataract: agar microelectrophoresis at high tension [Francois & Rabaey], *991
surgery in Marfan's syndrome [Kravitz], *764
traumatic luxation of [Lehman & Grossmann], *616

Lens (optical)
effects of "invisible" lens aberrations: clinical experiment [McCaslin], *434

Leukemia
and bilateral melanoma of choroid [Wiesinger et al.], *889

Leukoencephalopathy
progressive multifocal [Smith], *828

Levo-epinephrine
effect of 2% levo-rotary epinephrine on intraocular pressure of glaucomatous eye [Garner et al.], *230

Light
high-intensity source: irradiance thresholds for chorioretinal lesions [DeMott & Davis], *653

Lipogenesis
aberrant: experimental [Ciccarelli & Kuwabara], *125

Lowe's syndrome
ocular manifestations of [Falls], *188

Lysergic acid diethylamide
spontaneous retinal electrical potentials after administration of [Jacobson & Gestring], *599

M

Macroglobulinemia
Waldenstroems's: abnormal serum proteins and retinal vein thrombosis [Spalter], *868

Macula lutea
visual fields [Campbell & Rittler], *287

Marfan's syndrome
lens surgery in [Kravitz], *764

Maxillary sinus
gravity drainage operation utilizing: conjunctivoantrorhinostomy [Bennett et al.], *248

Medals: See Awards

Melanoma: See also under organ or region involved
malignant, primary, of eye and skin: simultaneous occurrence of [Paton & Thomas], *645

Meningioma
and bilateral melanoma of choroid [Wiesinger et al.], *889

Microfilms
available at Institute of Ophthalmological Documentation, 924

Microscopy
electron: some general principles of [Fine et al.], *931
electron: studies of human eye [Garron & Feeney], *966
light and electron: study of early changes in lens epithelium after roentgen irradiation [Wanko et al.], *977

Montreal Ophthalmological Society
annual meeting, 1119

Mooren's ulcer
therapeutic keratoplasty in [Grana], *414

Myasthenia gravis
evaluation of ocular signs and symptoms in [Schlezinger & Fairfax], *985

N

National Council to Combat Blindness, Inc.
Fight-for-Sight fellowships, 535, 924
research grants, 1959-1960: grants-in-aid; clinical service projects, and fellowships, 926

Negroes
iridencleisis in Negro and white races: results [Cassady], *239
malignant melanoma of conjunctiva in eye of [Wessely], *697
spectral sensitivity in: electroretinographic measurement [Dodt et al.], *795

Nervous system
central: neuro-ophthalmological considerations in cerebral vascular insufficiency [Hoyt], *260

Neuro-ophthalmology
annual review [Henderson], *895

Nevi
choroidal: clinical study of [Tamler & Maumenee], *196

New York Eye and Ear Infirmary
alumni association: meeting, 1119

Newborn infants
postnatal partial spontaneous correction of severe congenital anomaly of anterior segment of eye [Hagedoorn & Velzeboer], *685

NEWS AND COMMENT, 165, 345, 534, 734, 740, 923, 1117

Nocardia asteroides
experimental ocular infection with, in normal rabbit [McCarthy et al.], *425

North Carolina Eye, Ear, Nose and Throat Society
joint meeting with South Carolina Society of Ophthalmologists and Oto-Laryngologists, 345

Nystagmus
annual review [Henderson], *908
convergence: with notes on single case of divergence nystagmus [Cogan], *295
retractorius [Smith et al.], *864
see-saw, with suprasellar epidermoid tumor [Smith & Mark], *280

Nystatin
successful treatment of keratomycosis associated with Allescheria boydii [Gordon et al.], *758

O

Ochronosis
hereditary alkaptonuria with [Hatch], *575

Old age
focal senile translucency of sclera [Cogan & Kuwabara], *604

Ophthalmic Pathology Club
Midwestern section: meeting, 924

Ophthalmic surgery
use of ethylene oxide gas sterilization for [Linn], *619

Ophthalmology
clinical: application of television ophthalmoscope to some problems of [Potts et al.], *485
Institute of Ophthalmological Documentation: announcement of opening, March 1st, Paris, 923
neuro-ophthalmology: annual review [Henderson], *895
scientific papers, competition for, 345
use of dexamethasone in ophthalmologic steroid therapy [Nielsen], *438

Ophthalmoplegia
external, dystrophic, progressive, with abiotrophic fundus changes [Thorson & Bell], *833

Ophthalmoscope
Schepens-AO indirect: modification of [L'Esperance], *1096
television: application to some problems of clinical ophthalmology [Potts et al.], *485

Ophthalmoscopy
indirect: greater image magnification in [L'Esperance], *1096

Optic chiasm
arachnoiditis of, with subdural membrane Mandel & Steinmetz], *419

Optic nerve
annual review [Henderson], *896
disease: pupillary escape in [Levatin], *768
lesion: ERG of congenital totally color-weak eye accompanied by [Suzuki], *386

Optical aids
reading aids for partially blind: 200 devices [Sloan & Jablonski], *465

Orbit
annual review for 1958 [Winter], *508
deformity: repair with plastic sponge implant [Mulberger & Shannon], 731
inflammations and trauma: annual review for 1958 [Winter], *521
and middle cranial fossa, injuries: annual review [Henderson], *903

Orbit—continued
parasympathetic pathway: intraocular effects [Armaly], *817
parasympathetics: effect on intraocular pressure [Armaly], *117
rhabdomyosarcoma, embryonal: in children and young adults [Frayer & Enterline], *203
space-taking lesions: significance of parallel retinal folds in [Hedges & Leopold], *353
tumors: annual review for 1958 [Winter], *509
tumors: parallel retinal folds in orbital space-taking lesions [Hedges & Leopold], *353

P

Pan American Congress of Ophthalmology
Caracas program, 1117
post, meeting conducted by Institute of Ophthalmology of the Americas, 924

Papilledema
annual review [Henderson], *895

Parathyroid glands
pseudohypoparathyroidism syndrome: ocular manifestations [Falls], *785

Perception, spatial: See Spatial perception

Perimetry
findings in case of aneurysm of anterior cerebral artery [Shlossberg], *894
in glaucoma: annual review, 1958-1959 [Chandler], *1104
macular visual fields [Campbell & Rittler], *287

Periodic disease
fundal changes resembling colloid bodies in recurrent polyserositis [Michaelson et al.], *1

Pharmacology
and toxicology, ophthalmic: annual review [de Roetth], *324

Phospholine: See Echothiophate

Pituitary gland
tumor in Cushing's syndrome: ocular manifestations of [Kearns et al.], *242
with and without tumors: diabetic retinopathy and [Ranke], *859

Polyserositis
recurrent: fundal changes resembling colloid bodies in periodic disease [Michaelson et al.], *1

POSTGRADUATE EDUCATION
American Orthoptic Council and American Association of Orthoptic Technicians: Symposium on pleoptics in treatment of amblyopia, 165

POSTGRADUATE EDUCATION—continued
Atlantic City Clinical Congress: Symposium on management of glaucoma, 535
Atlantic City Clinical Congress: Symposium on recent advances in ophthalmic surgery, 536
Baylor University College of Medicine: course for orthoptic technicians, 923
Brooklyn Eye & Ear Hospital: course in corneal surgery, 345
Brooklyn Eye & Ear Hospital: seminar on glaucoma, 740
Institute of Ophthalmological Documentation: announcement of opening, March 1st, Paris, 923
Instituto Barraquer: competition for ophthalmological works, 345
Mount Sinai Hospital of New York City and Columbia University: special courses, 165, 1119
National Council to Combat Blindness: predoctoral and postdoctoral research, summer student, 928
National Council to Combat Blindness: research grants, 1959-1960, 926
New York Eye and Ear Infirmary: symposiums of post Pan-American Congress meeting, Feb. 1960, 924
State University of New York Upstate Medical Center at Syracuse: postgraduate course in ophthalmology, 923
University of Toronto: refresher course in eye surgery, 734
Yale University School of Medicine: postgraduate program in ophthalmology, 536

Prizes: See Awards

Protamide
treatment of ophthalmic herpes zoster with [Sforzolini], *381

Pseudoglioma
mutations of retinal pigment cells in case of [Dayal & Rodger], *785

Pseudohypoparathyroidism syndrome
ocular manifestations of [Falls], *190

Pupils
autonomic ocular functions: annual review [Henderson], *906
pupillary escape in disease of retina or optic nerve [Levatin], *768

Pyrimethamine
relative resistance of slow-growing strains of Toxoplasma gondii to Daraprim [Kaufman et al.], *611

R

Radioactive isotopes
(correspondence), 729

Reading aids
for partially blind: classification and measurement of more than 200 devices [Sloan & Jablonski], *465

REGISTRY OF INTERESTING CASES
hereditary changes in skin of eyelids [Levitt], *506
Kaposi's sarcoma of eyelid [Lerman & Pinsky], *320

Retina
angiomatosis retinae: report of 2 cases operated on [Seaman], 732
chorioretinal lesions: irradiance thresholds for [DeMott & Davis], *653
degeneration: abiotrophic fundus changes and dystrophic external ophthalmoplegia [Thorson & Bell], *833
detachment: fixation pick and scleral depressor for use in [Urrets-Zavalia], *97
diabetic retinopathy and pituitary [Ranke], *859
diabetic retinopathy, proliferative: hypophysectomy as therapeutical method for [Vannas et al.], *370
disease: pupillary escape in [Levatin], *768
folds, parallel: significance in orbital space-taking lesions [Hedges & Leopold], *353
neuro-ophthalmological considerations in cerebral vascular insufficiency [Hoyt], *260
physiological chemistry: annual review [Potts], *719
pigment cells: mutations of, in case of pseudoglioma [Dayal & Rodger], *785
separation, exudative type of: case of Harada's disease in 8 year old [Sudarsky], *5
spontaneous retinal electrical potentials [Jacobson & Gestring], *599
veins, thrombosis: abnormal serum proteins and [Spalter], *868

Retinoblastoma
inheritance of, in Ohio [Macklin], *842

Rhabdomyosarcoma
embryonal, of orbit in children and young adults [Frayer & Enterline], *203

Roentgen rays
irradiation: early changes in lens epithelium after [Wanko et al.], *977

S

Sarcoma
Kaposi's, of eyelid [Lerman & Pinsky], *320

Schlemm's canal
fine structure of inner wall [Holmberg], *956

Scientific exhibits
American Medical Association, Section on Ophthalmology: annual scientific session, prize awarded, 346

Sclera
buckling operation: accessory instrumentation for [Sudarsky & Katzin], 503
buckling procedures: reoperations following [Okamura et al.], *445
depressor and fixation pick for use in operations of retinal detachment [Urrets-Zavalia], *97
focal senile translucency of [Cogan & Kuwabara], *604
intrascleral implant: utilization [Berens and Breakey], 157
pigmentation: hereditary alkaptonuria with ochronosis [Hatch], *575
rigidity, decreased: relation to applanation tonometry in glaucoma [Becker & Gay], *211
rupture with luxation of intact lens to outside of globe [Lehman & Grossmann], *616

Scotoma
bilateral central, of hysterical origin [Lincoff], *273

See-saw nystagmus: See Nystagmus

Sella turcica
suprasellar epidermoid tumor: see-saw nystagmus with [Smith & Mark], *280

Serum proteins: See under Blood

Siderosis
ocular, and hemosiderosis: clinical aspects of [Cibis et al.], *180

Skin
melanomas, primary malignant: simultaneous occurrence in eyes and [Paton & Thomas], *645

Societe francaise d'ophthalmologie
sixty-sixth congress, 735

SOCIETY TRANSACTIONS
College of Physicians of Philadelphia, Section on Ophthalmology, 731
New York Academy of Medicine, Section on Ophthalmology, 154

Sodium
active transport across epithelium of living cornea in vitro [Donn et al.], *748

South Carolina Society of Ophthalmologists and Oto-Laryngologists
joint meeting with North Carolina Eye, Ear, Nose and Throat Society, 345

Spectral sensitivity
in albinos, Caucasians, and Negroes: electroretinographic measurement of [Dodt et al.], *795
of color-defective subjects determined by electroretinography [Copenhaver & Gunkel], *55

Sponge
polyvinyl plastic: in repair of orbital deformity [Mulberger & Shannon], 731

Stains and staining
permeability and ultrastructure of corneal endothelium [Speakman], *882

Sterilization
use of ethylene oxide gas for ophthalmic surgery [Linn], *619

Steroids: See also Corticosteroids and specific steroids as Cortisone
use in ophthalmology: annual review [de Roetth], *332

Strabismus
review of literature: nonsurgical and surgical aspects [Chamberlain], *157
visual acuity in normal and strabismic amblyopic patients [von Noorden & Burian], *396

Subdural membrane
with arachnoiditis of optic chiasm [Mandel & Steinmetz], *419

Sudanophilic material
biochemical characterization of, produced in experimental aberrant lipogenesis [Ciccarelli & Kuwabara], *125

Sylvian aqueduct syndrome
nystagmus retractorius in: 2 cases [Smith et al.] *864

Symposium on management of glaucoma, 535

Symposium on pleoptics in treatment of amblyopia, 165

Symposium on recent advances in ophthalmic surgery, 536

T

Tears
physiological chemistry: annual review [Potts], *725

Telangiectasia
ataxia-telangiectasia [Smith & Cogan], *364

Television
ophthalmoscope: application to some problems of clinical ophthalmology [Potts et al.], *485

Tonography
activity of oculorotary muscles during [Kornblueth et al.], *555

Tonometry
activity of oculorotary muscles during [Kornblueth et al.], *555
applanation, in diagnosis and treatment of glaucoma [Becker & Gay], *211
in glaucoma: annual review, 1958-1959 [Chandler], *1103
ocular rigidity: clinical study [Goodside], *839
Schiotz tonometer: clinical comparison with Berens-Tolman Ocular Hypertension Indicator [Johnstone], *75
techniques: evaluation of [Olmsted], *459

Toxicology
ophthalmic pharmacology and: annual review [de Roetth], *338

Toxoplasma
gondii: relative resistance of slow-growing strains of, to pyrimethamine [Kaufman et al.], *611

Trabeculum
in open-angle glaucoma: neuropathology of [Wolter], *99
study by light and electron microscopy [Garron & Feeney], *966

Trachoma
infection in human volunteer produced by egg-cultured virus [Bernkopt et al.], *33

Trypsin
influence on acute inflammation: comparison with parenteral cortisone and heparin [Wood & Bick], *112

Tryptophan
deficiency cataract in guinea pigs [von Sallmann et al.], *662

Tumors
epidermoid, suprasellar: see-saw nystagmus with [Smith & Mark], *280
of brain stem with special reference to ocular manifestations [Bucy & Keplinger], *541

217-MI: See Echothiophate

U

Ulcer
Mooren's: therapeutic keratoplasty in [Grana], *414

Urea
as osmotic ocular hypotensive agent in glaucoma [Galin et al.], *347
oral, as osmotic ocular hypotensive agent [Galin et al.], *1099

Uvea
hypersensitivity: clinical aspects of [Coles & Theodore], *223
physiological chemistry: annual review [Potts], *711

Uveitis
chronic: treatment of [Gordon], *400
granulomatous: use of dexamethasone in ophthalmologic steroid therapy [Nielsen], *440

V

Valsalva maneuver
ocular pressure patterns in [Rosen & Johnston], *810

Vergence
convergence nystagmus: with notes on single case of divergence nystagmus [Cogan], *295
movement: electromyography of [Miller], *790

Viruses
trachoma infection produced by egg-cultured virus: in human volunteer [Bernkopf et al.], *33
viral studies of normal eye [Cambon & Pollard], *562

Vision: See also Visual fields; Visual system
acuity in normal and amblyopic patients under reduced illumination [von Noorden & Burian], *396
subnormal: management of patient with [Gettes], 733
symptoms (visual) in progressive multifocal leukoencephalopathy [Smith], *828

Visual cortex
blindness: annual review [Henderson], *906

Visual fields
annual review [Henderson], *909
bilateral central scotomas of hysterical origin [Lincoff], *273
lesions of visual radiations: annual review [Henderson], *903
macular [Campbell & Rittler], *287

Visual fields—continued
range of normal for, by flicker fusion [Lovekin & Chandler], *588
severe, loss, in glaucoma: cyclodiathermy combined with medical treatment in [Locke], *626

Visual system
blood supply to: annual review [Henderson], *898
neuro-ophthalmological considerations in cerebral vascular insufficiency [Hoyt], *260
vascular diseases affecting: annual review [Henderson], *898

Vitamins
use in ophthalmology: annual review [de Roetth], *336

Vitreous
antibacterial property of [Reed & Tushingham], *780
chemistry, postmortem, of vitreous body in man [Naumann], *356
physiological chemistry: annual review for 1958 [Potts], *718

W

Waldenstroem's macroglobulinemia
abnormal serum proteins and retinal vein thrombosis [Spalter], *868

X

Xeroderma pigmentosum
ocular lesions in: carcinoma of cornea [Giller & Kaufmann], *130

Z

Zonule
and ciliary epithelium: studies [Pappas et al.], *959
effect of alpha-chymotrypsin on lens capsule, corneal wound healing and: in rabbit [Bedrossian], *216